



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

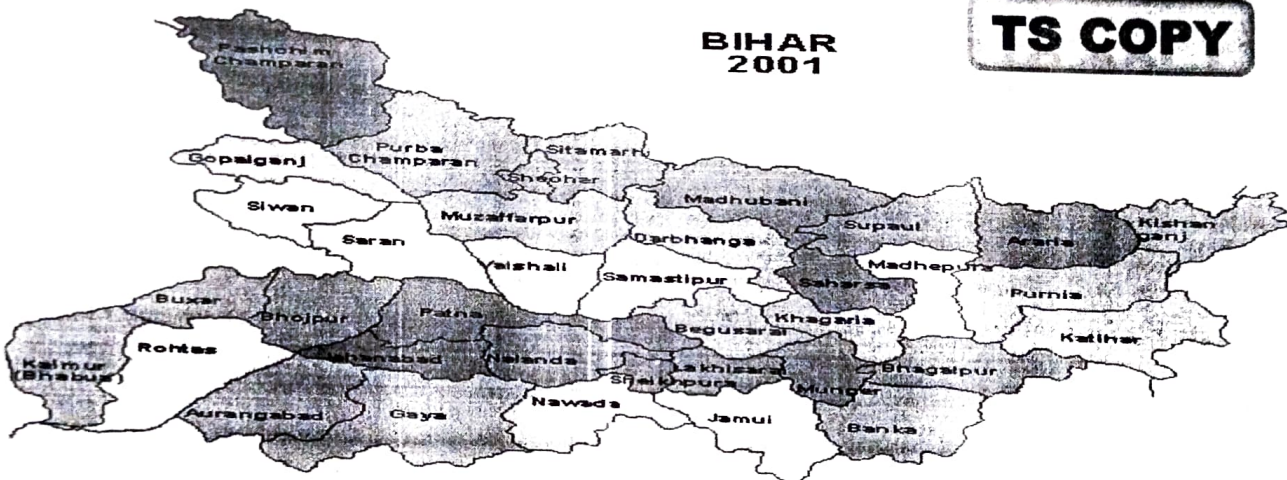
## BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

### DETAILED PROJECT REPORT FOR MAINTENANCE OF ROAD

BIHAR  
2001

**TS COPY**



DISTRICT :	East Champaran	BLOCK :	Madhuban
NAME OF ROAD :	T04 To MARIPUR MAL TAK		
TOTAL LENGTH IN KM.	:	2.350	KMS
TOTAL CONSTRUCTION LENGTH IN KM.	:	2.350	KMS
PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL	:	129.860	Lakhs
AVERAGE COST PER KM	:	55.259	Lakhs
PART-B TOTAL COST OF 5 YEAR ORDINARY MAINTENANCE	:	27.585	Lakhs
TOTAL PROJECT COST	:	157.444	Lakhs

**Submitted By:**

Executive Engineer  
RWD (w) Division, Pakri Dayal  
East Champaran

**Prepared By:**

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Nageshwar Colony, Near Boring Road  
Chauraha, Patna - 800020

# **GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD**

**NAME OF ROAD :** T04 To MARIPUR MAL TAK

**DISTRICT** East Champaran  
**BLOCK** Madhuban  
**DIVISION** Pakri Dayal  
**LENGTH OF CONSTRUCTION ROAD** 2.350 km  
**LENGTH OF BT PAVEMENT** 2.210 km  
**LENGTH OF CC PAVEMENT** 0.140 km  
**CD STRUCTURES**  
**HUME PIPE** 3  
**RCC SLAB CULVERT** 0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
<b>PART-A</b>	<b>INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL</b>	
1	PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING	0.328
2	EARTHWORK	3.884
3	GSB GR-II	3.721
4	WBM GRADE II	2.907
5	WBM GRADE III	8.303
6	PRIME COAT	10.817
7	Patch work using MSS(15%)(Type B) (Waste Plastic)	1.922
8	TACK COAT (100%)	8.083
9	SDBC(100%)	2.506
10	CC PAVEMENT	30.750
11	DRAIN	7.799
12	ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, MAINTENANCE BOARD,ROAD SAFETY & PLANTATION OF TREES.	0.000
13	CROSS DRAINAGE	12.958
		8.181
	<b>SUB TOTAL OF INTIAL RECTIFICATION INDLUCDING SURFACE RENEWAL =</b>	<b>98.437</b>
	<b>AVERAGE COST PER KM (IN LACS) =</b>	<b>41.819</b>
<b>PART-B</b>	<b>5 YEAR ORDINARY MAINTENANCE COST</b>	
	I st Year	1.176
	II nd Year	3.384
	III rd Year	7.341
	IV th Year	3.510
	V th Year	7.725
	<b>SUB TOTAL OF 5 YEAR ORDINARY MAINTENANCE COST =</b>	<b>23.136</b>
	<b>5 YEAR ORDINARY MAINTENANCE COST</b>	<b>23.136</b>
	<b>TOTAL COST OF 5 YEAR ORDANARY MAINTENANCE PER MONTH (IN LACS)</b>	<b>0.386</b>
	<b>SUB TOTAL(A) =</b>	<b>121.410</b>
	<b>18 % GST (B)</b>	<b>21.854</b>
	<b>1% LABOUR CESS @</b>	<b>1.214</b>
	<b>10% SEIGNIORAGE FEE( Const. &amp; Maint.)</b>	<b>1.160</b>
	<b>CONTINGENCY COST @2.25%(D)</b>	<b>0.000</b>
	<b>Emergent Cost @ 10% of Total</b>	<b>11.805</b>
	<b>TOTAL COST OF PROJECT (including GST &amp; Labour Cess) IN LACS =</b>	<b>157.444</b>

W/ 20/9/22  
 JE  
 RWD

W/ 20/9/22  
 AE  
 RWD

W/ 27/9/22  
 EE  
 RWD

## M/R UNDER 3054

### GENERAL ABSTRACT OF COST

Block:- Madhuban

District:- East Champaran

Construction Length of Road:- 2.350 KM

Name of Road:- T04 To MARIPUR MAL TAK

SL. No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION	98.437 <del>98.274</del> Lacs
	GST @18%	17.768 <del>17.689</del> Lacs
	LABOUR CESS @1%	0.984 <del>0.983</del> Lacs
	10% SEIGNIORAGE FEE	1.107 Lacs
	TOTAL	118.245 <del>118.054</del> Lacs
	Emergent Cost @ 10% of Total	11.805 <del>11.805</del> Lacs
	TOTAL (A)	129.860 <del>129.860</del> Lacs
B	FIVE YEAR MAINTENANCE COST	23.136 Lacs
	GST @18%	4.164 Lacs
	LABOUR CESS @1%	0.231 Lacs
	10% SEIGNIORAGE FEE	0.053 Lacs
	TOTAL (B)	27.585 Lacs
C	AVERAGE COST PER KM	55.259 <del>55.259</del> Lacs
	TOTAL PROJECT COST (A+B)	145.83 <del>157.444</del> Lacs

*[Signature]*  
20/9/22  
Junior Engineer

*[Signature]*  
20/9/22  
Asstt. Engineer

*[Signature]*  
27/5/22  
Executive Engineer

SF  
RWD

*[Signature]*  
10/10/22  
Superintending Engineer  
Rural Works Department  
East Champaran